HAWKING® TECHNOLOGY

11M Wireless CardBus PC Card

CAREFREE WIRELESS

WE120P

Wireless 11M CardBus
Two Year Warranty

PACKAGE CONTENTS:

• One Wireless CardBus PC Card
• One CD Includes Drivers,
  Software Utility and Manual
• Quick Installation Guide

Get Connected With Hawking

• Go Online without Wires with your Laptop
• Works with Windows 98/2000/ME and XP!
• Compliant with IEEE 802.11b Standard
• High Performance 32bit CardBus Wireless PC Card
• Low Power Consumption: Conserves Laptop Battery
• Easy to install and use
• Free tech support

Connect Anywhere, Anytime

The Hawking WE120P Wireless 32Bit CardBus PC Card combines the advantages of CardBus technology with Wireless IEEE802.11b Networking. With 11M (802.11b) Wireless products flooding the wireless market, it is important that Hawking products be of the best performance and engineering. As our highest performing PC Card yet, the WE120P does not fall short of this. The WE120P is ideal for users who have a wireless AP and wish to connect wirelessly using their laptop. This allows you to take full advantage of your laptop computer by giving you the freedom and mobility to access the internet wherever you need to. Whether it be on your porch outside, or in the bathroom of your house or office, the Hawking 11M Wireless CardBus PC Card lets you access the information you need regardless. Installation and security worries are lifted with the WE120P as well. With 128-Bit WEP encryption and very simple installation with free tech support, you'll be up and running in no time.

System Requirements:

• One CardBus slot or PC Card slot Release 2.1 or higher available (3.3v)
• Pentium compatible CPU or above
• Windows 98/2000/ME/XP with Card Socket Services

CONNECT WHEREVER YOU WANT • WHENEVER YOU WANT

CAREFREE WIRELESS

WE120P
Wireless 11M CardBus PC Card

READY, NETWORK & GO!
It's easy to install, it's easy to use! Everyone can do it.

Step 1 - Install the WLAN PC Card
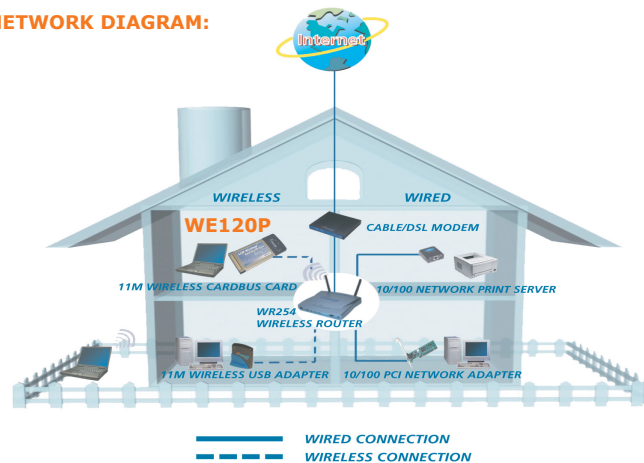Insert the WE120P Card into Notebook Computer PC Card slot.

Step 2 - Install Utility and Driver
Install the software utility on the provided CD-ROM and then insert the WE120P and Windows will automatically guide you through the Driver installation.

Step 3 - Configure It and Go
Click the WLAN Utility. Select your IS (SSID), Channel, Security and Your Done!

ORDERING INFORMATION:

WB320 11M 802.11b Wireless Workgroup Bridge

WR254 11M 802.11b Wireless Router

WE110P 11M IEEE802.11b Wireless PC Card

WU250 11M IEEE802.11b Wireless USB Adapter

WA739P 11M IEEE802.11b 3pt Wireless Print server
or AP with 3 port print server

CF100W 11M IEEE902.11b Wireless Compact Flash
Network Adapter

WIRELESS NETWORK DIAGRAM:

WIRELESS   WIRED
WE120P   CABLE/DSL MODEM
11M WIRELESS CARDBUS CARD   10/100 NETWORK PRINT SERVER
WR254 WIRELESS ROUTER
11M WIRELESS USB ADAPTER   10/100 PCI NETWORK ADAPTER

━━━━ WIRED CONNECTION
╍╍╍╍ WIRELESS CONNECTION

SPECIFICATIONS:

Network
• IEEE 802.11b WLAN Standard

Lan Speed
• 11/5.5/2/1 Mbps Adaptive Data Rate

Operating Systems
• Windows 98/2000/ME/NT/XP
• Built in Diversity Antenna

Output Power
• 15 dBm (Typical)
• 17 dBm (Max)

Host Interface
• 32-Bit CardBus

Antenna
• Built in Diversity Antenna

Security
• 64/128-bit WEP Encryption

Frequency Band
• 2.412 - 2.4835GHz
• 11 Channels (USA, Canada)
• 13 Channels (Europe)
• 14Channels (Japan)

Modulation Technique
• DSSS (Duirect Sequence Spread Spectrum)
• BPSK/ QPSK / CCK

Receiver Sensitivity
• -83 dBm @ 11Mbps

Output Power: Min +15dBm   Max +17dBm.

Receiver Sensitivity: Min -83dBm

Typical Operation Range*

DATA RATE	INDOOR RANGE	OUTDOOR RANGE
11Mbps	120 ft (37 m)	400 ft (122 m)
5.5 Mbps	200 ft (61 m)	600 ft (183 m)
2 Mbps	240 ft (73 m)	750 ft (228 m)
1 Mbps	300 ft (91 m)	1000 ft (305 m)

Roaming: 802.11b compliant

Dimension: 4.68" x 2.12" x 0.27"

EMI Conformance: FCC part 15 Class B   CE Mark

*The range will vary in different operating environments due to effects such as building construction.

Features	Benefits
11Mbps Wireless LAN	Fast, Reliable and Easy Connection
IEEE 802.11b Standard	Compatible with Industrial Standard
Low Power Consumption	Conserves Laptop Battery
WEP Encryption	Reliable and Secure